

ABSTRACT OF THE DISCLOSURE

In a fuel cell powered electric vehicle having a fuel cell system and an electricity storing device for storing electricity generated by the fuel cell system, the fuel cell system and the electricity storing device stored in a box are fixed to a lower side of a floor of a cabin. A plate is provided to separate the fuel cell system and the electricity storing device in the interior of the box from each other. In addition, through holes are provided in the floor of the cabin for connecting between a refrigerant inlet port and a refrigerant outlet port of the electricity storing device and the cabin.